

99191C READER

INTRODUCTION

99191C smart card reader utilizes Philips i-Code technology to read Philips i-Code 1 & 2 contact less smart cards and labels. Contact less smart cards are used for stored value or data applications, such as access control, vending, toll roads, airline ticketing, banking cards, city cards, id cards, university cards, loyalty schemes, phone cards, park and ride, and prepaid metering.

RFID 99191C Specification

Model No.	99191C
Power Requirements	7-12V DC at 100mA. A linear regulator is recommended.
Interface	Standard wiegand 26 / 34 bits CSN for connection to standard access control panels. Sector to be read and output in both Wiegand & RS232 format.
Read Range	Safety read write range for 4cm with Philips i-Code 2 contactless smart card.
Frequency	13.56MHz standard
Operating temperature	-22°F to 150°F (-30°C to 65°C)
Operating humidity	0-95% relative humidity non-condensing
ISO Standard	ISO15693 compatible
Audio/visual Indication	Red, Green, Yellow led bar and Buzzer
Dimensions	95mm x 45mm x 15mm
Response Time	Less than 0.1 sec
Cable distance	Wiegand interface: 500 feet (150m) RS232 interface: 50 feet (15m) Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.

99191C Wire Color

Number	Color	Name
1	Red	6-12VDC
2	Black	GDN
3	Yellow	BUZZER
4	Orange	GREEN LED
5	White	D1
6	Green	D0
7	Blue	HOLD
8	-	RX
9	Grey	GND
10	Brown	TX
	9600,8,1,N	RS232